

Converting Colors

`RYB(227, 165, 126)`

Have a look what the booklet for
RYB(227, 165, 126) contains.

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Color

R_YB(227, 165, 126)

Conversions

Conversions Part 1

Format	Color
Hex	E39A7E
RGB	227, 154, 126
RGB Percent	89%, 60%, 49%
CMY	0.1098, 0.3955, 0.5059
CMYK	0.00, 0.32, 0.44, 0.11
HSL	17°, 64%, 69%
HSV	17°, 44%, 89%
XYZ	47.0225, 40.9933, 25.1728
YIQ	172.6350, 52.4960, 6.7680

Conversions

Conversions Part 2

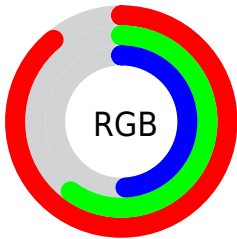
Format	Color
RYB	227, 165, 126
Decimal	14916222
CIELab	70.17, 24.02, 25.82
CIELCh	70, 35.268, 47.066
Yxy	40.9933, 0.4154, 0.3622
Android (android.graphics.Color)	4293106302 (0xFFE39A7E)
YUV	172.6350, -22.9911, 47.6781
Hunter-Lab	64.0260, 19.0499, 21.5074

Details

The RYB color **227, 165, 126** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **126, 168, 227**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **255, 229, 179**, and **169, 111, 77** is the 20% darker color. If you saturate the color by 10%, you get **227, 152, 103**, and if you desaturate by 10%, it is **227, 180, 149**.

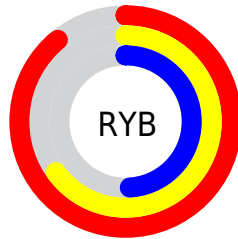
Distribution



Red (89%)

Green (60%)

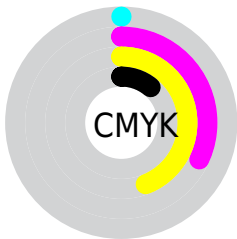
Blue (49%)



Red (89%)

Yellow (65%)

Blue (49%)

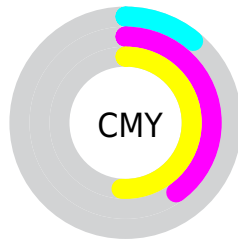


Cyan (0%)

Magenta (32%)

Yellow (44%)

Black (11%)



Cyan (11%)

Magenta (40%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 227, 165, 126 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 227, 165, 126 by changing the saturation by 10% instead.

 227, 165, 126


255, 255, 255

 255, 229, 179

 234, 255, 206

 235, 255, 235

 227, 165, 126

 198, 138, 101

 169, 111, 77

 141, 87, 54


 113, 62, 32


 86, 41, 10

 60, 11, 0

 38, 0, 1

 0, 0, 0

 227, 165, 126

 227, 165, 126

■ 227, 152, 103

■ 227, 180, 149

■ 227, 136, 81

■ 227, 193, 171

■ 227, 123, 58

■ 227, 206, 194

■ 227, 110, 35

■ 227, 221, 217

■ 227, 94, 13

■ 227, 232, 240

■ 227, 87, 0

■ 227, 240, 255

■ 227, 241, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235, 147, 154



227, 165, 126



178, 205, 109

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227, 165, 126



99, 153, 188



155, 166, 233

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



227, 165, 126



126, 168, 227

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



104, 151, 233



227, 165, 126



61, 125, 189

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



227, 165, 126



127, 183, 172



59, 129, 217



198, 157, 215

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227, 165, 126



124, 186, 107



59, 129, 217



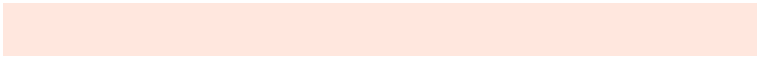
139, 164, 235

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



227, 165, 126



255, 234, 222



227, 126, 200



128, 115, 107



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



227, 165, 126



255, 171, 120



157, 227, 126



115, 107, 103



179, 69, 0



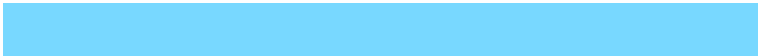
51, 19, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



126, 168, 227



120, 176, 255



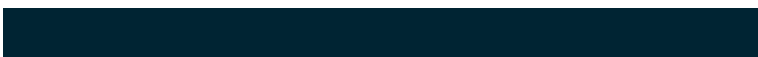
126, 145, 227



103, 108, 115



0, 75, 179



0, 21, 51

Previews

White Background



This preview shows how the RYB color 227, 165, 126 looks on a white background.

Color Contrast Check

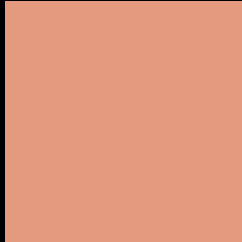
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 227, 165, 126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

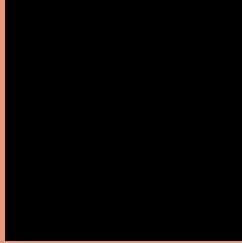
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 227, 165, 126 Background



This preview shows how black text looks on a background with the RYB color 227, 165, 126.



This preview shows how white text looks on a background with the RYB color 227, 165, 126.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
227, 165, 126

Protanopia
148, 183, 134

Deuteranopia
200, 204, 124



Tritanopia
230, 149, 161

Trichromacy



Original Color
227, 165, 126

Protanomaly
195, 199, 131

Deuteranomaly
212, 186, 125

Tritanomaly
229, 151, 148

Monochromacy



Original Color
227, 165, 126

Achromatopsia
173, 173, 173

Achromatomaly
193, 170, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 227, 165, 126 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(227, 154, 126)` looks like.

```
.text, #text, p{  
    color:rgb(227, 154, 126)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(227, 154, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 154, 126) }
```

Border

The CSS property to change the border of an element to RYB 227, 165, 126 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 154, 126) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(227, 154, 126) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(227, 154, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 154, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 154, 126);  
box-shadow:4px 4px 4px 4px rgb(227, 154,  
126) }
```

Background

The CSS property to change the background color of an element to RYB 227, 165, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 154, 126) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(227,  
154, 126) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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